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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/939,640

08/28/2001

Goroku Okawa

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EXAMINER

ADDISON, KAREN B

ART UNIT

PAPER NUMBER

2834

DATE MAILED: 02/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/939,640

Applicant(s)

OKAWA, GOROKU

Examiner

Karen B Addison

Art Unit

2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 November 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application):
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-914)
- 5) ☐ Notice of Informal Patent Examination (PTO-917)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

Claims 1-3,7,10-11 are rejected under 35 U.S.C. 102(e) as being anticipated by MacLeod (6282053).

MacLeod discloses in figs. 2 and 7 a rotary electric machine comprising: a housing (12) having a cylindrical wall, a stator core (84) disposed in the housing (100) having a bolt hole formed in the axial direction inside the inner periphery of the wall; and a bolt (110) having an enlarge diameter part treaded through the bolt hole, for fixing the stator core to the housing by pressing the axial end portion of the stator core by the enlarge diameter part of the bolt. MacLeod also discloses an intermediate member (108) provided at a contact portion between the enlarge diameter part being pressed with the bolt and the first axial end (A) direction of the stator core, wherein the intermediate member (35) is deformable and softer than the enlarge diameter part of the bolt.

MacLeod also discloses a step (B) provided at an inner peripheral portion of the housing to receive the second axial end portion (B1) of the stator core which is sandwiched between the step (B) and the enlarged diameter part of the bolt through the intermediate portion (108). The stator is also fixed to the housing at a plurality of locations spaced

apart at equal angular intervals on a periphery, which has a slightly larger diameter than that of an outer periphery of the stator core, having bolts at each location.

Claims 4-6 and 8-9 are rejected under 35 U.S.C. 102(b) as being anticipated by Wood (3,699,366).

Wood discloses an rotary electric machine in fig.1 comprising: a housing (39) having a cylindrical wall in which a bolt hole (27) is formed in an axial direction inside an inner periphery wall, and a step (A) formed on an inner periphery portion of the housing (by pressing one axial end portion of the stator core by the enlarge diameter part) wherein the stator core (16) has a cavity (b) located at a contact portion between the enlarge diameter part and the axial end portion of the stator (21) (which receive the enlarge head of the bolt). Wood also discloses the cavity (b) formed only at a location where the enlarge head of the bolt (22a) contacts the stator core wherein the stator core (21) is fixed to the housing at a plurality of locations, spaced apart at equal angular intervals on a periphery, which has a slightly larger diameter than that of an outer periphery of the stator core, having bolts (27) at each location. Woods also discloses a step (C) provided at an inner peripheral portion of the housing to receive another axial end portion of the stator core which is sandwiched between the step (A) and the enlarged diameter part of the stator core.

Response to Arguments

3. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen B Addison whose telephone number is 703-306-5855. The examiner can normally be reached on 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 703-308-1317. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3431 for regular communications and 703-305-3431 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

KBA
February 9, 2003


BURTON S. MULLINS
PRIMARY EXAMINER